

Claims

Sub A! 1. A cleaning head adapted to be used with a source of cleaning fluid, and a vacuum source for cleaning a floor, wall or upholstered surface; comprising:

a lower surface contact area defined by a rectangular lip defined by the main body of the head, outlining the limits of operation of the tool as it is guided over the floor;

fluid-applying means fixedly located within the confines of the lip, said fluid-applying means being configured such that the cleaning fluid is applied to the surface as a continuous film flowing over the lowermost surface, whereby fluid is better controlled, there is no danger of overspray, and the surface is dried more quickly;

means to interconnect the cleaning head and a source of cleaning fluid; and

means to interconnect the cleaning head and a vacuum source.

2. A floor, wall or upholstery cleaning tool for use in conjunction with a source of cleaning fluid and a vacuum source comprising:

means interconnecting the tool to the fluid sources;

exterior envelope means and interior supply means wherein the exterior envelope has a substantially uniplaner lower surface which means defines a substantially enclosed area of the floor when in contact therewith and is connected to the vacuum source and the supply means is interconnected with the source of cleaning fluid, provides an elongated bottom lip substantially uniplaner with the lower surface of the envelope and is configured such that the fluid is selectively applied to the floor as a thin film.

3. A tool as in claim 2, wherein the supply means is tabular and includes an elongated slot in its lower surface for delivering the cleaning fluid.

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4. A tool as in claim 3, wherein the slot is at an acute angle to the plane formed by the lower surface of the exterior envelope ^{means} so as to create a fluid attraction, moving fluid toward the vacuum source.

Sub A 2 5. A tool as in claim 2, wherein the supply means comprises a downwardly open narrow slot substantially in the same plane as the bottom surface of the envelope, one side of which includes an inwardly projecting foot.

6. A cleaning head adapted to be used with a source of cleaning fluid and a vacuum source for cleaning a floor, wall or upholstered surface, comprising:

a lower surface contact area defined by a lip surrounding an opening through which a vacuum is applied for removing fluid and entrained soil; and

a fluid supply means adjacent the lip, including an angled delivery slot, causing the fluid to flow in a sheet over the lip and into the vacuum.